

composite prod., etc.

Patent Assignee: AGENCY OF IND SCI & TECHNOLOGY (AGEN)

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Patent Family:

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| JP 7290571 | A | 19951107 | JP 94110288 | A | 19940425 | B29C-061/06 | 199602 B |
| JP 2668850 | B2 | 19971027 | JP 94110288 | A | 19940425 | B32B-015/08 | 199748 |

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Patent Details:

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Abstract (Basic): JP 7290571 A

Moulding prod. is prepd. by making a high polymer moulding and a shape memory alloy into a composite prod. The high polymer moulding is capable of being changed in shape with an external force and being recovered to its original shape when the external force is released. The shape memory alloy, while the alloy is kept at a temp. lower than the phase change temp. and is under deformation, is made into the composite prod.

USE - The prod. is useful for windows, whose ventilation can be controlled by conduction through the alloy to heat and cooling.

ADVANTAGE - The shape of the prod. can be changed with the temp., and can be recovered by cooling.

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Derwent Class: A32; P73

International Patent Class (Main): B29C-061/06; B32B-015/08

International Patent Class (Additional): B32B-015/08